

Amendments to the Claims

The current listing of the claims replaces all previous amendments and listings of the claims.

1. and 2. (Canceled)

3. (Currently Amended) A working process which performs a working of a workpiece with a working fluid, the working fluid containing a solvent and microcapsules filled with liquid-state substances, the microcapsules being dispersed in the solvent, the working process comprising:

supplying the working fluid to a working point of the workpiece; and

performing a cutting process of the workpiece at the working point while supplying the working fluid to the working point; and

recirculating the working fluid through a working machine to reuse the working fluid for subsequent working of the workpiece.

4. (Currently Amended) A working process which performs a working of a workpiece with a working fluid, the working fluid containing a solvent and microcapsules filled with liquid-state substances, the microcapsules being dispersed in the solvent, the working process comprising:

supplying the working fluid to a working point of the workpiece; and

performing a grinding process of the workpiece at the working point while supplying the working fluid to the working point; and

recirculating the working fluid through a working machine to reuse the working fluid for subsequent working of the workpiece.

5. (Currently Amended) A working process which performs a working of a workpiece with a working fluid, the working fluid containing a solvent and microcapsules

filled with liquid-state substances, the microcapsules being dispersed in the solvent, the working process comprising:

forming a mixture of the working fluid and abrasive particles;

supplying the mixture of the working fluid and the abrasive particles to a working point of the workpiece; and

performing a polishing process of the workpiece at the working point while supplying the mixture to the working point; and

recirculating the working fluid through a working machine to reuse the working fluid for subsequent working of the workpiece.

6. (Currently Amended) A working process which performs a working of a workpiece with a working fluid, the working fluid containing a solvent and microcapsules filled with liquid-state substances, the microcapsules being dispersed in the solvent, the working process comprising:

supplying the working fluid to a working point of the workpiece; and

performing a plastic deformation process of the workpiece at the working point while supplying the working fluid to the working point; and

recirculating the working fluid through a working machine to reuse the working fluid for subsequent working of the workpiece.

7. (Canceled)